Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 31 Mar 2023 until 23:59 on Saturday 01 Apr 2023

Forecast Issued on Thursday 30 Mar 2023 at 15:05

Confidence: The main forecasting challenge for Friday and the weekend will be the height of low cloud feeding in from the east and then the extent to which it brightens up on Sunday. High for a mainly dry day on Monday but low for timing of rain arriving later.

Headline for Friday 31 Mar 2023: Low cloud and a little rain at times. Cold and breezy on the tops.

Mountain weather hazards on Friday 31 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
<05%	<05%	10%	20%	20%	20%	20%	20%

Forecast for Friday 31 Mar 2023

Weather: Clear spells at midnight but low cloud becoming more extensive with patchy drizzle. A mostly cloudy and misty day with low cloud and patchy rain or drizzle. Drier across the western side of the Yorkshire Dales with a little brightness at times.

Chance of cloud-free hill tops above 600m: Mainly 10% or less but 40 to 60% for the Three Peaks and Howgills.

Low Cloud and visibility: Very poor on the tops, especially in the east with extensive cloud and fog above 300m. Patchier cloud and high bases the further west you go with cloud occasionally lifting off the tops of the Three Peaks and Howgills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 31 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SE	13/18 E	16/22 E	17/23 NE	17/23 NE	15/21 NE	14/20 NE	13/19 NE	11/16 NE
300	7/16 E	8/20 E	10/22 E	10/21 NE	11/22 NE	10/20 NE	10/19 NE	8/17 NE	8/15 NE
Valley	8/19 E	9/21 E	9/22 NE	10/20 NE	10/20 NE	10/21 NE	9/19 NE	7/16 NE	7/15 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	5/1	5/1	6/1	6/2	6/2	5/1	4/-0	3/-1
300	7/5	7/5	7/4	8/6	9/7	9/6	7/5	6/3	5/2
Valley	8/6	8/6	8/6	10/8	12/10	12/10	9/7	8/6	7/4
Freezing Level*	1400m	1400m	1500m	1400m	1500m	1500m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud will mean good navigational skills required on the tops although hills in the far west are likely to be clear of cloud at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 30 Mar 2023	15.4mm	19.2mm	24.6mm

Forecast for Saturday 01 Apr 2023

Weather: Low cloud and patchy drizzle, mainly in the east, overnight and to start the day. Dry by the afternoon with bright spells developing and cloud lifting for a while but low cloud and patchy rain arriving again in the evening.

Maximum wind: Northeasterly 10-15mph.

Chance of cloud-free hill tops above 600m: 20% at first, best chance in west, becoming 70% for most of the day.

Low Cloud and visibility: Extensive cloud and fog above 400m at first but visibility becoming good for most of the day as cloud lifts and breaks. Becoming poor again late afternoon or early evening with low cloud arriving again.

Temperature: **Valleys:** Plus 6C rising to 9 or 10C.
At 600m: Plus 2C rising to 6C.
Freezing level: Above summits.

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